

The listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently amended) A process for the preparation of synthetic taxanes, comprising: ~~the following main steps in sequence:~~ (1) selectively protecting the C(7)-OH position on a taxane raw material bearing side chains comprising C(7)-OH, C(10)-OH and C(13) having C(2')-OH using a protecting agent; (2) acylating the C(10) and C(2')-OHs ~~-OH in taxanes~~ using an acylating agent; and (3) deprotecting the protecting agent at the C(7)-position to reduce to C(7)-OH, characterized in that said protecting agent is a lanthanon compound.
2. (Original) The process for the preparation of synthetic taxanes according to claim 1, characterized in that said lanthanon compound as the protecting agent is selected from the group consisting of a salt of lanthanon, a double salt of lanthanon, an alkaline compound of lanthanon, a lanthanon chloride and a lanthanon oxychloride.
3. (Original) The process for the preparation of synthetic taxanes according to claim 1, characterized in that said lanthanon compound as the protecting agent is selected from the group consisting of a lanthanon chloride, a lanthanon hydroxide, a lanthanon oxychloride and a lanthanon sulfate double salt.
4. (Original) The process for the preparation of synthetic taxanes according to claim 1, characterized in that said lanthanon compound as the protecting agent is a lanthanon chloride.

5. (Original) The process for the preparation of synthetic taxanes according to claim 1, characterized in that said lanthanon compound as the protecting agent is a cerium salt.
6. (Original) The process for the preparation of synthetic taxanes according to claim 1, characterized in that said lanthanon compound as the protecting agent is cerium trichloride.
7. (Currently amended) The process for the preparation of synthetic taxanes according to claim 1, characterized in using 10-deacetylpaclitaxel or 10-deacetylcephalomannine ~~taxanes bearing C(7)-OH, C(10)-OH and C(13)-side chain having C(2³)-OH~~ as the raw material.
8. (Previously presented) The process for the preparation of synthetic taxanes according to claim 1, characterized in that said synthetic taxanes are paclitaxels.
9. (Previously presented) The process for the preparation of synthetic taxanes according to claim 7, characterized in that said synthetic taxanes are paclitaxels.
10. (Previously presented) The process for the preparation of synthetic taxanes according to claim 1, characterized in using tetrahydrofuran as a medium for acylation.
11. (Previously presented) The process for the preparation of synthetic taxanes according to claim 7, characterized in using tetrahydrofuran as a medium for acylation.

12. (Previously presented) The process for the preparation of synthetic taxanes according to claim 8, characterized in using tetrahydrofuran as a medium for acylation.

13. (Previously presented) The process for the preparation of synthetic taxanes according to claim 9, characterized in using tetrahydrofuran as a medium for acylation.

14. (Previously presented) The process for the preparation of synthetic taxanes according to claim 10, characterized in pre-dehydrating said tetrahydrofuran.

15. (Previously presented) The process for the preparation of synthetic taxanes according to claim 11, characterized in pre-dehydrating said tetrahydrofuran.

16. (Previously presented) The process for the preparation of synthetic taxanes according to claim 12, characterized in pre-dehydrating said tetrahydrofuran.

17. (Previously presented) The process for the preparation of synthetic taxanes according to claim 13, characterized in pre-dehydrating said tetrahydrofuran.

18. (Currently amended) The process for the preparation of synthetic taxanes according to ~~7~~ claim 1, comprising the steps of:

- a) dissolving the raw material in tetrahydrofuran;
- b) adding lanthanon compounds for the protection of the C(7)-OH;
- c) acylating by adding ~~an~~ the acylating agent;
- d) neutralizing with an alkali after the acylation;

e) extracting to an extract phase with an organic solvent insoluble with tetrahydrofuran;

f) removing the organic solvent in the extract phase to obtain 2'-³, 10-diacyltaxane product;

g) dissolving the product in step f) in an inert solvent;

h) selectively hydrolyzing an ester group at position C(2'-³) with a weak aqueous alkali dissolved in the inert solvent in step (g), and meanwhile deprotecting the protecting agent of C(7)-OH;

i) neutralizing with an acid;

j) extracting to a second extract phase with an organic solvent insoluble with the inert solvent in step g) and water; and

k) removing the organic solvent in the second extract phase to obtain C(10) acylated taxanes bearing C(7)-OH and a C(13) side chain having C(2'-³)-OH.

19. (Currently amended)The process according to claim 18, wherein the tetrahydrofuran in step (a) is pre-dehydrated; the organic solvent insoluble with tetrahydrofuran in step (e) is selected from the group consisting of dichloromethane and trichloromethane; the inert solvent dissolving 2', 10-diacyltaxane ~~diacyltaxanes~~ in step g) is alcohol ~~alcohols~~; the weak alkali selectively hydrolyzing acyl esters at position C(2'-³) in step h) is selected from the group consisting of sodium bicarbonate, potassium bicarbonate, dimethylamine, diethylamine and aniline; and the organic solvent insoluble with the inert solvent and water in step j) is trichloromethane.

20. (Currently amended)The process according to claim 19, wherein taxanes as the raw material bearing C(7)-OH, C(10)-OH and C(13) side chain having C(2'-³)-OH are natural or processed 10-deacetylpaclitaxel or 10-deacetylcephalomannine.

21. (Currently amended) The process according to claim 20, characterized in that the acylation is conducted at a room temperature, and the selective hydrolysis is conducted at a temperature $\leq 3^{\circ}\text{C}$ ~~3³°C~~.

22. (Previously presented) The process according to claim 18, wherein the synthetic taxanes are paclitaxels.

23. (Previously presented) The process according to claim 19, wherein the synthetic taxanes are paclitaxels.

24. (Previously presented) The process according to claim 20, wherein the synthetic taxanes are paclitaxels.

25. (Previously presented) The process according to claim 21, wherein the synthetic taxanes are paclitaxels.